

RAW SEQUENCE LISTING

DATE: 06/26/2001

PATENT APPLICATION: US/09/853,530A

TIME: 17:09:42

Input Set : N:\Crif3\RULE60\09853530.txt

Output Set: N:\CRF3\06262001\I853530A.raw

SEQUENCE LISTING

ENTERED

4 (1) GENERAL INFORMATION:

6 (i) APPLICANT: Klimpel, Kurt

7 Goletz, Theresa J.

8 Arora, Naveen

9 Leppla, Stephen H.

10 Berzofsky, Jay A.

13 (ii) TITLE OF INVENTION: Targeting Antigens to the MHC Class I

14 Processing Pathway With an Anthrax Toxin Fusion Protein

16 (iii) NUMBER OF SEQUENCES: 5

18 (iv) CORRESPONDENCE ADDRESS:

19 (A) ADDRESSEE: Townsend and Townsend and Crew LLP

20 (B) STREET: Two Embarcadero Center, Eighth Floor

21 (C) CITY: San Francisco

22 (D) STATE: California

23 (E) COUNTRY: USA

24 (F) ZIP: 94111-3834

26 (v) COMPUTER READABLE FORM:

27 (A) MEDIUM TYPE: Floppy disk

28 (B) COMPUTER: IBM PC compatible

29 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

30 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

32 (vi) CURRENT APPLICATION DATA:

C--> 33 (A) APPLICATION NUMBER: US/09/853,530A

C--> 34 (B) FILING DATE: 09-May-2001

35 (C) CLASSIFICATION:

37 (vii) PRIOR APPLICATION DATA:

38 (A) APPLICATION NUMBER: 08/937,276

39 (B) FILING DATE:

41 (viii) ATTORNEY/AGENT INFORMATION:

42 (A) NAME: Weber, Kenneth A.

43 (B) REGISTRATION NUMBER: 31,677

44 (C) REFERENCE/DOCKET NUMBER: 015280-290100US

46 (ix) TELECOMMUNICATION INFORMATION:

47 (A) TELEPHONE: (415) 576-0200

48 (B) TELEFAX: (415) 576-0300

51 (2) INFORMATION FOR SEQ ID NO: 1:

53 (i) SEQUENCE CHARACTERISTICS:

54 (A) LENGTH: 36 base pairs

55 (B) TYPE: nucleic acid

56 (C) STRANDEDNESS: single

57 (D) TOPOLOGY: linear

W--> 59 (ii) MOLECULE TYPE: DNA

62 (ix) FEATURE:

63 (A) NAME/KEY: -

64 (B) LOCATION: 1..36

65 (D) OTHER INFORMATION: /note= "primer 1"

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68      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
70 TCTAGATCTA GAAGCGGGCG GTCATGGTGA TGTAGG... 36
73 (2) INFORMATION FOR SEQ ID NO: 2:
75      (i) SEQUENCE CHARACTERISTICS:
76          (A) LENGTH: 37 base pairs
77          (B) TYPE: nucleic acid
78          (C) STRANDEDNESS: single
79          (D) TOPOLOGY: linear
W--> 81      (ii) MOLECULE TYPE: DNA
84      (ix) FEATURE:
85          (A) NAME/KEY: -
86          (B) LOCATION: 1..37
87          (D) OTHER INFORMATION: /note= "primer 2"
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
92 GATCTTTAAG TTCACGCGTG GATAGATTTA TTTCTTG 37
95 (2) INFORMATION FOR SEQ ID NO: 3:
97      (i) SEQUENCE CHARACTERISTICS:
98          (A) LENGTH: 32 base pairs
99          (B) TYPE: nucleic acid
100         (C) STRANDEDNESS: single
101         (D) TOPOLOGY: linear
W--> 103     (ii) MOLECULE TYPE: DNA
106     (ix) FEATURE:
107         (A) NAME/KEY: -
108         (B) LOCATION: 1..32
109         (D) OTHER INFORMATION: /note= "primer 3"
112     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
114 GCAAGACGCG TCTGCAGATG AGAGTGAAGG AG 32
117 (2) INFORMATION FOR SEQ ID NO: 4:
119     (i) SEQUENCE CHARACTERISTICS:
120         (A) LENGTH: 38 base pairs
121         (B) TYPE: nucleic acid
122         (C) STRANDEDNESS: single
123         (D) TOPOLOGY: linear
W--> 125     (ii) MOLECULE TYPE: DNA
128     (ix) FEATURE:
129         (A) NAME/KEY: -
130         (B) LOCATION: 1..38
131         (D) OTHER INFORMATION: /note= "primer 4"
134     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
136 ATCCGCTCGA GTCTAGATTA TCTTTTTTCT CTCTGCAC 38
139 (2) INFORMATION FOR SEQ ID NO: 5:
141     (i) SEQUENCE CHARACTERISTICS:
142         (A) LENGTH: 11 amino acids
143         (B) TYPE: amino acid
144         (C) STRANDEDNESS:
145         (D) TOPOLOGY: linear
147     (ii) MOLECULE TYPE: peptide
150     (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

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VERIFICATION SUMMARY

DATE: 06/26/2001

PATENT APPLICATION: US/09/853,530A

TIME: 17:09:43

Input Set : N:\Crf3\RULE60\09853530.txt

Output Set: N:\CRF3\06262001\I853530A.raw

L:33 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:34 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:59 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=1
L:81 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=2
L:103 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=3
L:125 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=4



Creation date: 11-24-2003
Indexing Officer: AYUSON - AIDA YUSON
Team: OIPEBackFileIndexing
Dossier: 09853530

Legal Date: 12-05-2001

No.	Doccode	Number of pages
1	CTNF	7
2	1449	2

Total number of pages: 9

Remarks:

Order of re-scan issued on